A.E.E/M.N.....
S.B.R. No: 18
DATE: 29-6-21

Original/Duplicate/ Triplicate
CONTRACT CERTIFICATE
(For Other Works)

No.....

Date.....2021

Division: **BBMP / YNK**

Sub-Division: **Yelahanka Sub – Division.**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Work Code: 002-20-000103.**

Schedule Docket No. Head of Account: Est.Cost: **30.00** Lakhs B.R.No. :

Name of Work : **Improvements and Asphalting to roads at Besthara Bheedhi in chowdeshwari ward no -02 of yelahanka Sub division.**

Name of Contractor and Full Addres : Sri M N Ramaiah, No 28, 6th main road BSK 3rd stage, Dathathreyanagara, Hosakerehalli, Bangalore – 560085.

Reference to Agreement No. EE/YNK.D/ **EPMT-01 /W.O/ 0042 /2020-21.** Date: 16-06-2020.

Certified that the measurements were taken by me on 28/6/2021 recorded of Pages 115731 to 115738 measurement Book No. ..115.2. and that the work is satisfactorily executed.

M.N Ramaiah
Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 29/06/2021 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Asst. Executive Engineer
Yelahanka Sub Divison
(BBMP Yuk. Zn)
Yelahanka, Bangalore

II Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being .....percent Rs.....
3) " Balance
4) Deduct Payment:
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No .....
      adjusted towards cash advance recovery of
   b) Payments Now made { cost store or other material supplied. / recovery of amount creditable to this/other work / Amount paid on this bill Cheque / Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
7) Net amount due to or from Contractor unadjustments items.
8) Advance to Contractor for materials brought to site (as detailed) within.
9) Value of Government materials supplied

Amount	
Gross Amt =Rs	26.00.779=00
FSD	=Rs —
CGST	= Rs 23.222=00
SGST	= Rs 23.222=00
IT	= 26.008=00
LC	= 26.008=00
CBF	= 26.008=00
Royalty =Rs	49.888=00
T.D.	= Rs 1.50.948=00
Net Amt=Rs	24.49.831=00

Total amount adjusted

Contractor's Signature

Received Rs.....(in words).....
.....
by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

Witness
1.
2.

M.N Ramaiah
Signature of Contractor

Dated
Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....
Initials of Officer making payment

(For use in the Office)
Audited & Admitted for Rs. 26.00.779=00
Stamp
24.49.831=00 by Cheque
and Rs. 1.50.948=00 by adjusement

Accts Supdt.
Yelahanka Division
BBMP

Executive Engineer
Exe. Engineer
yelahanka Division

sl no	Description of work	Unit
1	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P. No-27, I. No-5.33)	Sqm
2	KSRRB 300: Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 m and an average lift upto 0.5 m. excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P.No-143, I.No-19.1)	Cum
3	KSRB M2100-10:Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @ 0.89 cum and fine aggregates @ 0.46 cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centring complete as per specifications. (P.No-222, I.No-27.18)	Cum
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centring, shuttering, cost of materials, HOM of machinery, curing etc , complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2000. Including cost of materials, labour, HOM complete as per specifications. (Page No.271. Item No,37.59.2 of PW, P&IWTD S.R 2018-19)	Cum
5	KSRRB M2300-14: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour HOM of machinery complete as per specifications. Specification NO. MORTH Specification No 1600 & 220 TMT Bars Fe 500. (Page No. 239. Item No. 29.29.2 of PW, P&IWTD S.R 2018-19)	Tonne
6	Providing and Fixing RCC pre cast cover Slab 100mm thick for drain made out of CC 1:1.5:3 and jelly 20mm Down size with steel reinforcement including form work, lift charges, curing and concrete finished on both sides etc ,CompleteAs per drawing and direction of Engineer IN charge. (Data Rate).	Sqm
7	Providing and Fixing RCC pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work, laid and lift charges, curing and concrete finished surfaces on both sides etc , complete. As per Engineer IN charge (Data Rate).	Sqm
8	Providing and fixing pre cast solid cement concrete kerb stones out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc , complete as per direction of Engineer incharge.(P. No-27, I. No-5.30 of PW, P&IWTD SR 2018-19)	Each
9	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Specification No. KSRRB M800-6 (P. No-180, I. No-24.1 of PW, P&IWTD SR 2018-19)	Sqm
10	Construction of granular sub-base Grading-V as Sub-Base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in mechanical mix plant at OMC. Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98% proctor density, complete as per specifications. Clause 401 of MORTH V Revision. (Page No. 153. Item No.20.5)	Cum
11	KSRRB M400-17: Providing, Laying, Spreading and Compacting crushed stone aggregates of granite/ trap/ Basalt to wet mix macadam specifications including premixing the material with water at OMC in Mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406. Page No. 155. Item No. 20.18	Cum

Unit	Previous		Present Measurement			Total up-to date		Rem
	Qty	cost	Qty	Rate	Cost	Qty	cost	
Sqm	–	–	218.03	97.00	21148.91	218.03	21148.91	
Cum	–	–	184.17	188.00	34623.96	184.17	34623.96	
Cum	–	–	24.60	4734.00	116456.40	24.60	116456.40	
Cum	–	–	36.30	6173.00	224079.90	36.30	224079.90	
Tonne	–	–	2.32	64603.00	149878.96	2.32	149878.96	
Sqm	–	–	152.28	2040.00	310651.20	152.28	310651.20	
Sqm	–	–	12.00	4730.00	56760.00	12.00	56760.00	
Each	–	–	666.00	378.00	251748.00	666.00	251748.00	
Sqm	–	–	105.00	74.00	7770.00	105.00	7770.00	
Cum	–	–	65.70	1742.00	114449.40	65.70	114449.40	
Cum	–	–	120.75	1747.00	210950.25	120.75	210950.25	

sl no	Description of work	Unit
12	KSRRB M500-6: Providing and Supplying primer coat with S.S bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg /sqm using mechanical means complete as per specifications Clause 502 of MORTH Clause 502 of MORTH V revision (P.No-158, Item No. 21.6).	Cum
13	KSRRB M500-17: Providing and laying Dense Graded Bituminous Macadam using crushed aggregates of crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete in all respects complete as per specifications. MORTH Specification No,507. Using 100/120 TPH capacity HMP with sensor paver Gr-II (50mm to 75mm) with 4.5% VG-30 Bitumen (Page No. 160. I.No-21.17.6)	Cum
14	KSRRB 500-7: Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 0.25kg per sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5 (Page No. 158. Item No. 21.7)	Sqm
15	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. Do- using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4% of modified bituminous binder consisting of 4.97% of VG-30 Bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic) (Page No. 171. Item NO.21.78.12)	Cum
16	KSRRB M800-13: Road marking with Hot Applied 'Thermoplastic' Compound with Reflectorizing Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorizing glass beads at 250gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35.The Finished surface to be level , Uniform and free from streaks and holes complete as per Specifications. MORTH Specification NO.803 (P.No-182, I.No-24.15)	Sqm

Certificates:

1 The above work is done satisfactorily and complete in all respect.
2 There is no department Material issue for the above work.
3 This works comes under BBMP Limit.

Unit	Previous		Present Measurement			Total up-to date		Rem
	Qty	cost	Qty	Rate	Cost	Qty	cost	
Cum	–	–	525.00	25.00	13125.00	525.00	13125.00	
Cum	–	–	26.25	5750.00	150937.50	26.25	150937.50	
Sqm	–	–	2216.40	11.00	24380.40	2216.40	24380.40	
Cum	–	–	88.66	6770.00	600228.20	88.66	600228.20	
Sqm	–	–	88.00	397.00	34936.00	88.00	34936.00	
				Sub total	2322124		2322124	
				GST 12%	278655		278655	
				Grand Total	2600779		2600779	

AE-02

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore